

Dry Natural Rubber/Natural Rubber Latex^{1,2} and Thimerosal Content of MDPH Supplied Vaccines

Vaccine	Brand Name	Manufacturer	Packaging	Contains Dry Natural Rubber or Natural Rubber Latex ^{1,2}	Contains Thimerosal as a Preservative
DT	DT	Sanofi	Single dose vial	Yes	No ($\leq 0.3\text{mcg}/0.5\text{ml}$) ³
DTaP	Tripedia	Sanofi	Single dose vial	Yes	No ($\leq 0.3\text{mcg}/0.5\text{ml}$) ³
DTaP-Hep B-IPV	Pediarix	Glaxo/SmithKline	Single dose vial	No	No ($<0.0125\text{mcg}/0.5\text{ml}$) ³
e-IPV	IPOL	Sanofi	Multi dose vial	No	No
Hep A (pedi)	Havrix	Glaxo/SmithKline	Single dose vial	No	No
Hep A (adult)	Havrix	Glaxo/SmithKline	Syringe	Yes	No
Hep B (adult)	Engerix-B	Glaxo/SmithKline	Single dose vial	No	No ($< 1\text{mcg}/1\text{ml}$) ³
Hep B (pedi)	Recombivax HB	Merck	Single dose vial	Yes	No
Hib	ActHIB	Sanofi	Single dose vial	No	No
Diluent for Hib	ActHIB	Sanofi	Single dose vial	Yes	No
HPV	Gardasil	Merck	Single dose vial	No	No
Influenza ⁴ (5.0 ml)	Fluzone	Sanofi	Multi dose vial	No	Yes (25mcg/0.5ml)
Influenza ⁴ (0.5 ml)	Fluzone	Sanofi	Single dose vial	No	No
Influenza ^{4,5} (0.25ml pedi)	Fluzone	Sanofi	Syringe	No	No
Influenza ⁴ (5.0 ml)	Flulaval	Glaxo/SmithKline	Multi dose vial	No	Yes (25mcg/0.5ml)
Influenza ⁴	FluMist	MedImmune	Nasal Sprayer	No	No
Meningococcal Conjugate	Menactra	Sanofi	Single dose vial	Yes	No
MMR	MMRII	Merck	Single dose vial	No	No
Diluent for MMR	MMRII	Merck	Single dose vial	No	No
MMRV	ProQuad	Merck	Single dose vial	No	No
Diluent for MMRV	ProQuad	Merck	Single dose vial	No	No
PCV7	Pprevnar	Wyeth	Syringe	Yes	No
PPV23	Pneumovax	Merck	Multi dose vial	No	No
Rotavirus	RotaTeq	Merck	Tube	No	No
Td	Td	Massachusetts Biologic Lab	Multi dose vial	Yes	Yes (8.26mcg/0.5ml) ⁶
Tdap	Boostrix	Glaxo/SmithKline	Single dose vial	No	No
Varicella	Varivax	Merck	Single dose vial	No	No
Diluent for Varicella	Varivax	Merck	Single dose vial	No	No
¹ Yes = Contains dry natural rubber or natural rubber latex in some part of the vaccine packaging. Allergic reactions (including anaphylaxis) after vaccination procedures are rare. Only one known report of an allergic reaction after administering Hep B to a patient with known severe allergy (anaphylaxis) to latex has been published (MMWR 2006;55(No. RR-15):31). ² No = Does not contain dry natural rubber, natural rubber latex, or any other latex-containing products. ³ This product should be considered equivalent to thimerosal-free products. This vaccine may contain trace amounts of mercury left after post-production thimerosal removal; these amounts have no biological effect. JAMA 1999;282(18) and JAMA 2000;283(16). ⁴ These influenza vaccine formulations are being distributed by the MDPH during the 2007-2008 influenza season. MDPH-supplied influenza vaccines may change from year to year. ⁵ Supplies of pediatric preservative free influenza vaccine are improving. However, supplies are still not adequate for all age groups for whom vaccine is recommended. ⁶ Massachusetts Biologic Laboratories projects supplying a preservative-free formulation of Td vaccine beginning sometime in 2008.					